

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	((photodiode photo-diode (photo adj diode) (photodetector photosensor photo-detector photo-sensor) (photo adj (detector sensor))) and (gamma x-ray xray (x adj ray) alpha beta ioniz\$3) and (backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (via ((thru through) adj hole) thru-hole through-hole) and (thickness) and (crosstalk cross-talk noise)).clm.	US-PGPUB	OR	ON	2006/02/10 14:21
L2	1	((photodiode photo-diode (photo adj diode) (photodetector photosensor photo-detector photo-sensor) (photo adj (detector sensor))) and (gamma x-ray xray (x adj ray) alpha beta ioniz\$3) and (backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (via ((thru through) adj hole) thru-hole through-hole) and (thickness) and (crosstalk cross-talk noise) and scintillat\$3).clm.	US-PGPUB	OR	ON	2006/02/10 14:21
L3	1	((photodiode photo-diode (photo adj diode) (photodetector photosensor photo-detector photo-sensor) (photo adj (detector sensor))) and (gamma x-ray xray (x adj ray) alpha beta ioniz\$3) and (backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (via ((thru through) adj hole) thru-hole through-hole) and (scintillat\$3) and (crosstalk cross-talk noise) and scintillat\$3).clm.	US-PGPUB	OR	ON	2006/02/10 14:21
L4	0	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) with (photodiode photo-diode (photo adj (diode detector sensor)) photodetector photosensor photo-detector photo-sensor) and (uniform adj thickness) and (crosstalk cross-talk (cross adj talk) noise)).clm.	US-PGPUB	OR	ON	2006/02/10 14:22

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L5	0	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (photodiode photo-diode (photo adj (diode detector sensor) photodetector photosensor photo-detector photo-sensor)) and (uniform adj thickness) and (crosstalk cross-talk (cross adj talk) noise)).clm.	US-PGPUB	OR	ON	2006/02/10 14:21
L6	2	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) with (photodiode photo-diode (photo adj (diode detector sensor) photodetector photosensor photo-detector photo-sensor) and (thickness) and (crosstalk cross-talk (cross adj talk) noise)).clm.	US-PGPUB	OR	ON	2006/02/10 14:21
L7	2	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (photodiode photo-diode (photo adj (diode detector sensor) photodetector photosensor photo-detector photo-sensor)) and (thickness) and (crosstalk cross-talk (cross adj talk) noise)).clm.	US-PGPUB	OR	ON	2006/02/10 14:21
L8	2	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (photodiode photo-diode (photo adj (diode detector sensor) photodetector photosensor photo-detector photo-sensor) and (crosstalk cross-talk (cross adj talk) noise)).clm.	US-PGPUB	OR	ON	2006/02/10 14:22
L9	25	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (photodiode photo-diode (photo adj (diode detector sensor) photodetector photosensor photo-detector photo-sensor)).clm.	US-PGPUB	OR	ON	2006/02/10 14:23
L10	1	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (scintillat\$3) and (via through-hole thru-hole ((through thru) adj hole))).clm.	US-PGPUB	OR	ON	2006/02/10 14:24
L11	51	((backlit back-lit (back adj (lit illuminat\$3)) back-illuminat\$3) and (via through-hole thru-hole ((through thru) adj hole))).clm.	US-PGPUB	OR	ON	2006/02/10 14:26
L12	47	11 not (1 2 3 4 5 6 7 8 9 10)	US-PGPUB	OR	ON	2006/02/10 14:26

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11423	(250/208.1 250/215 250/361R 250/366 250/369 250/370.01 250/370.02 250/370.03 250/370.05 250/370.08 250/370.09 250/370.11 250/390.01 250/391.11 378/4).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 14:14
S2	543	378/98.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:15
S3	1340674	@pd>"20050527"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:16
S4	261	S1 and S3 and (photodiode photo-diode (photo adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:24
S5	273	S2 and (photodiode photo-diode (photo adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:17
S6	109621	(photodiode photo-diode (photo adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:17
S7	110301	photodetector photo-detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:17
S8	586908	(ionizing with radiation) gamma (x-ray xray (x adj ray))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:18

## EAST Search History

S9	76228	(crosstalk cross-talk cross adj talk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:18
S10	9218	(backlit back-lit (back adj lit) back-illuminat\$3 (back adj illuminat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:18
S11	3555965	via ((thru or through) adj hole) thru-hole through-hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:19
S12	5008004	detect\$3 sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:19
S13	3	S4 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:21
S14	8	S5 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:22
S15	16	(((S6 S7) with S10) and (S8 same S12) and ((noise S9) same (S6 S7)) and S11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:21
S16	19	(S10 with (S6 S7)) and ((S6 S7) with S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:24

## EAST Search History

S17	4	S15 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:23
S18	0	("2005/0167603").URPN.	USPAT	OR	ON	2006/02/08 16:23
S19	11	S16 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:24
S20	59	(S4 S5) and (S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:24
S21	0	BIP same S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:48
S22	6688	BIP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:48
S23	2	S22 and (S6 S7) and (S10)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:49
S24	70	S22 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 16:50
S25	1	"6762473".pn.	USPAT	OR	ON	2006/02/08 17:14
S26	1	"6025585".pn.	USPAT	OR	ON	2006/02/08 17:00
S27	10	("5043582"   "5464984"   "5477075"   "5592523"   "5801430"   "6025585").PN. OR ("6426991"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/08 17:08

## EAST Search History

S28	13	("20020011639"   "4638165"   "5477075"   "5592523"   "5801430"   "6025585").PN. OR ("6510195").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/08 17:08
S29	7	("20020020846"   "20020058353"   "20020148967"   "20030209652"   "6184100"   "6426991"   "6653164").PN. OR ("6762473").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/08 17:09
S30	4	(S25 S26 S27 S28 S29) and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 17:14
S31	2	US-20050167603-A1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 17:43
S32	3	("20030218120"   "4975755"   "6426991").PN. OR ("6933489").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/09 08:25